

ABSTRACT OF THE DISCLOSURE

5 A system for supporting translation of virtual IP
addresses to Ethernet/MAC addresses in a multi-Virtual
Network environment, in which address resolution tables are
generated and maintained by Virtual Networking Devices.
Virtual Networking Device (VND) sends and/or receives
Virtual Network-specific ARP traffic. The Virtual Network-
specific ARP traffic includes ARP requests or responses
10 that map a MAC address to an IP address in the private IP
address space of an associated Virtual Private Network.
The disclosed Virtual Networking Devices can therefore
operate in configurations in which multiple independent
entities operate on separate Virtual Networks, and where
15 servers may be accessible via virtual IP addresses within
the private IP address spaces of associated Virtual
Networks.

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